

# EVERNOX<sup>®</sup> 3114

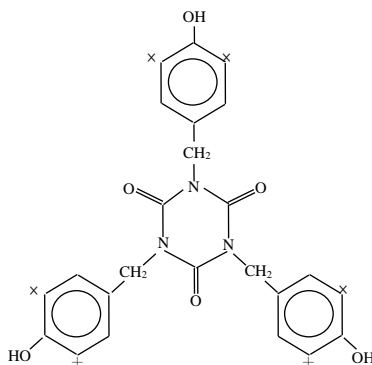
## EVERNOX<sup>®</sup>-3114GF

Phenolic Primary Antioxidant for Processing and Long-Term Thermal Stabilization

**Chemical Name:** Tris-(3,5-di-tert.butyl-4-hydroxybenzyl)-isocyanurate

**Formula:** C<sub>48</sub>H<sub>69</sub>N<sub>3</sub>O<sub>6</sub>

**Structure:**



**Molecular weight:** 784

**CAS number:** 27676-62-6

**Appearance:** Fine white powder for EVERNOX-3114  
White granular powder for EVERNOX-3114GF

**Specification:**

<b>Melting point</b>	<b>218-223°C</b>
<b>Ash content</b>	<b>0.05% max</b>
<b>Volatile matter</b>	<b>0.2% max</b>
<b>Transmittance</b>	<b>at 425nm 93% min</b> <b>at 500nm 95% min</b>
<b>Assay</b>	<b>98.0% min</b>

<b>Solubility</b> (25°C, wt/wt)	<b>Acetone</b>	<b>29%</b>
	<b>Benzene</b>	<b>10%</b>
	<b>Chloroform</b>	<b>21%</b>
	<b>Ethanol</b>	<b>1.5%</b>
	<b>Hexane</b>	<b>0.6%</b>
	<b>Methanol</b>	<b>0.5%</b>
	<b>Water</b>	<b>&lt;0.01%</b>

**Packing:** The following packings are available upon customer's request:  
50 kgs carton (25kgs X 2 PE bags), 50 kgs fiber drum.

**Application:** Hindered phenolic antioxidant for organic substrates such as  
PE, PP, ABS, PS, SBS, PVC, synthetic fibers, elastomers, waxes,  
adhesives, oils and fats.

**Transportation:** EVERNOX-3114 are not dangerous goods according to the  
transport regulations.

**Storage:** No special safety measures are required. Usual precautions  
for handling chemicals are observed.



**妙春實業股份有限公司**  
**EVERSPRING CHEMICAL CO., LTD.**

台中市工業區 24 路 4 號

4, 24<sup>th</sup> Rd., Industrial Park, Taichung, Taiwan

Tel : +886-4-23592448 Fax : +886-4-23593163

E-mail : sales@everspringchem.com.tw

Web site : www.everspringchem.com